

ABSTRACT

A system and method for processing e-commerce transactions on an IBM server, such as an iSeries or AS/400 computing system, is provided. XML-encoded e-commerce transactions are submitted via the Internet to a central e-commerce website server, from one or more requesters. The website server dispatches the XML transactions to an IBM server for processing thereby. Optionally, the e-commerce server can process the XML transactions in accordance with one or more pre-defined business rules. The XML transactions are received by the IBM server, and are translated thereby to one or more data structures and/or formats compatible with the IBM server. A server program on the IBM server parses the transaction, determines its type, and calls a handler program for handling the transaction. The handler program subsequently calls one or more customizable subroutines containing programmer-modified code for handling the transaction. Additionally, external applications can operate on the transaction. The processed transactions are then translated back to an XML format, and the results of processing dispatched back to the requester via the e-commerce website.

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